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| EPA Identification Number | | NPDES Permit Number | | Facility Name | | Form Approved 03/05/19 OMB No. 2040-0004 | |
| Form 1 NPDES |  | U.S. Environmental Protection Agency Application for NPDES Permit to Discharge Wastewater GENERAL INFORMATION | | | | | |
| SECTION 1. ACTIVITIES REQUIRING AN NPDES PERMIT (40 CFR 122.21(f) and (f)(1)) | | | | | | | |
| Activities Requiring an NPDES Permit | 1.1 Applicants Not Required to Submit Form 1 | | | | | | |
| | 1.1.1 | Is the facility a new or existing publicly owned treatment works ? If yes, STOP. Do NOT complete Form 1. Complete Form 2A. | 1.1.2 | Is the facility a new or existing treatment works treating domestic sewage ? If yes, STOP. Do NOT complete Form 1. Complete Form 2S. | | | |
| | | <input checked="" type="checkbox"/> No | | <input checked="" type="checkbox"/> No | | | |
| | 1.2 Applicants Required to Submit Form 1 | | | | | | |
| | 1.2.1 | Is the facility a concentrated animal feeding operation or a concentrated aquatic animal production facility ? <input checked="" type="checkbox"/> Yes → Complete Form 1 and Form 2B. | 1.2.2 | Is the facility an existing manufacturing, commercial, mining, or silvicultural facility that is currently discharging process wastewater ? <input type="checkbox"/> Yes → Complete Form 1 and Form 2C. | | | |
| | | <input type="checkbox"/> No | | <input checked="" type="checkbox"/> No | | | |
| 1.2.3 | Is the facility a new manufacturing, commercial, mining, or silvicultural facility that has not yet commenced to discharge ? <input type="checkbox"/> Yes → Complete Form 1 and Form 2D. | 1.2.4 | Is the facility a new or existing manufacturing, commercial, mining, or silvicultural facility that discharges only nonprocess wastewater ? <input type="checkbox"/> Yes → Complete Form 1 and Form 2E. | | | | |
| | <input checked="" type="checkbox"/> No | | <input checked="" type="checkbox"/> No | | | | |
| 1.2.5 | Is the facility a new or existing facility whose discharge is composed entirely of stormwater associated with industrial activity or whose discharge is composed of both stormwater and non-stormwater ? <input type="checkbox"/> Yes → Complete Form 1 and Form 2F unless exempted by 40 CFR 122.26(b)(14)(x) or (b)(15). | | | | | | |
| | <input checked="" type="checkbox"/> No | | | | | | |
| SECTION 2. NAME, MAILING ADDRESS, AND LOCATION (40 CFR 122.21(f)(2)) | | | | | | | |
| Name, Mailing Address, and Location | 2.1 Facility Name | | | | | | |
| | Blue Water Fisheries, LLC | | | | | | |
| | 2.2 EPA Identification Number | | | | | | |
| | | | | | | | |
| | 2.3 Facility Contact | | | | | | |
| | Name (first and last) | | Title | | Phone number | | |
| | Scott W. Flood | | Member | | (603) 860-3111 | | |
| | Email address scott@bwfisheries.com | | | | | | |
| 2.4 Facility Mailing Address | | | | | | | |
| Street or P.O. box PO Box 159 | | | | | | | |
| City or town Contoocook | | State New Hampshire | | ZIP code 03229 | | | |

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| EPA Identification Number | | NPDES Permit Number | | Facility Name | | Form Approved 03/05/19 OMB No. 2040-0004 | |
| Name, Mailing Address, and Location Continued | 2.5 | Facility Location | | | | | |
| | Street, route number, or other specific identifier Gulf of Maine, Atlantic Ocean - See attached Sheets | | | | | | |
| | County name | | County code (if known) | | | | |
| | City or town | | State | | ZIP code | | |
| SECTION 3. SIC AND NAICS CODES (40 CFR 122.21(f)(3)) | | | | | | | |
| SIC and NAICS Codes | 3.1 | SIC Code(s) | | Description (optional) | | | |
| | | 0273 | | Animal Aquaculture | | | |
| | | 0921 | | Fish Hatchery | | | |
| | | 0912 | | Fin-fish | | | |
| | | | | | | | |
| | 3.2 | NAICS Code(s) | | Description (optional) | | | |
| | | 112511 | | Fin-fish aquaculture and hatchery | | | |
| | | | | | | | |
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| | | | | | | | |
| SECTION 4. OPERATOR INFORMATION (40 CFR 122.21(f)(4)) | | | | | | | |
| Operator Information | 4.1 | Name of Operator | | | | | |
| | Blue Water Fisheries, LLC | | | | | | |
| | 4.2 | Is the name you listed in Item 4.1 also the owner? | | | | | |
| | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | |
| Operator Information | 4.3 | Operator Status | | | | | |
| | <input type="checkbox"/> Public—federal | | <input type="checkbox"/> Public—state | | <input type="checkbox"/> Other public (specify) _____ | | |
| | <input checked="" type="checkbox"/> Private | | <input type="checkbox"/> Other (specify) _____ | | | | |
| Operator Information | 4.4 | Phone Number of Operator | | | | | |
| | (603) 860-3111 | | | | | | |
| Operator Information Continued | 4.5 | Operator Address | | | | | |
| | Street or P.O. Box PO Box 159 | | | | | | |
| | City or town Contoocook | | State New Hampshire | | ZIP code 03229 | | |
| | Email address of operator info@bwfisheries.com | | | | | | |
| SECTION 5. INDIAN LAND (40 CFR 122.21(f)(5)) | | | | | | | |
| Indian Land | 5.1 | Is the facility located on Indian Land? | | | | | |
| | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | |

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| SECTION 6. EXISTING ENVIRONMENTAL PERMITS (40 CFR 122.21(f)(6)) | | | |
| Existing Environmental Permits | 6.1 | Existing Environmental Permits (check all that apply and print or type the corresponding permit number for each) | |
| | | <input type="checkbox"/> NPDES (discharges to surface water) | <input type="checkbox"/> RCRA (hazardous wastes) |
| | | <input type="checkbox"/> PSD (air emissions) | <input type="checkbox"/> UIC (underground injection of fluids) |
| | | <input type="checkbox"/> Ocean dumping (MPRSA) | <input type="checkbox"/> Nonattainment program (CAA) |
| | | <input type="checkbox"/> Dredge or fill (CWA Section 404) | <input type="checkbox"/> NESHAPs (CAA) |
| | | <input type="checkbox"/> Other (specify) | |
| SECTION 7. MAP (40 CFR 122.21(f)(7)) | | | |
| Map | 7.1 | Have you attached a topographic map containing all required information to this application? (See instructions for specific requirements.) | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> CAFO—Not Applicable (See requirements in Form 2B.) | |
| SECTION 8. NATURE OF BUSINESS (40 CFR 122.21(f)(8)) | | | |
| Nature of Business | 8.1 | Describe the nature of your business. To raise Oncorhynchus Mykiss (steelhead trout) and Cyclopterus Lumpus (lumpfish) in 40 ocean based submersible fish pens. The submersible fish pens will be located offshore in federal waters approximately 9 nautical miles southeast of Hampton, New Hampshire. The ocean based fish farm will raise Oncorhynchus Mykiss on a commercial scale, year round. The lumpfish are in the fish pens as part of a University of New Hampshire research program on how to keep salmonids clear of sea lice. The number of lumpfish will vary over time based on the needs of the research. A freshwater fish hatchery will be constructed and operated in the Hampton, New Hampshire area. The hatchery will be located on a parcel of land that will be serviced by town water and sewer. The hatchery will hatch steelhead trout and lumpfish eggs and raise them for approximately six months. The hatchery will hatch fingerling will be moved from the hatchery, placed in the offshore submersible fish pens and raised for approximately ten months before being harvested and processed on shore. | |
| SECTION 9. COOLING WATER INTAKE STRUCTURES (40 CFR 122.21(f)(9)) | | | |
| Cooling Water Intake Structures | 9.1 | Does your facility use cooling water? | |
| | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No → SKIP to Item 10.1. | |
| | 9.2 | Identify the source of cooling water. (Note that facilities that use a cooling water intake structure as described at 40 CFR 125, Subparts I and J may have additional application requirements at 40 CFR 122.21(r). Consult with your NPDES permitting authority to determine what specific information needs to be submitted and when.) | |
| SECTION 10. VARIANCE REQUESTS (40 CFR 122.21(f)(10)) | | | |
| Variance Requests | 10.1 | Do you intend to request or renew one or more of the variances authorized at 40 CFR 122.21(m)? (Check all that apply. Consult with your NPDES permitting authority to determine what information needs to be submitted and when.) | |
| | | <input type="checkbox"/> Fundamentally different factors (CWA Section 301(n)) | <input type="checkbox"/> Water quality related effluent limitations (CWA Section 302(b)(2)) |
| | | <input type="checkbox"/> Non-conventional pollutants (CWA Section 301(c) and (g)) | <input type="checkbox"/> Thermal discharges (CWA Section 316(a)) |
| | | <input checked="" type="checkbox"/> Not applicable | |

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SECTION 11. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122.22(a) and (d))

| Checklist and Certification Statement | 11.1 | <p>In Column 1 below, mark the sections of Form 1 that you have completed and are submitting with your application. For each section, specify in Column 2 any attachments that you are enclosing to alert the permitting authority. Note that not all applicants are required to provide attachments.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">Column 1</th> <th style="width: 50%; text-align: center;">Column 2</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/> Section 1: Activities Requiring an NPDES Permit</td> <td><input type="checkbox"/> w/ attachments</td> </tr> <tr> <td><input checked="" type="checkbox"/> Section 2: Name, Mailing Address, and Location</td> <td><input checked="" type="checkbox"/> w/ attachments</td> </tr> <tr> <td><input checked="" type="checkbox"/> Section 3: SIC Codes</td> <td><input type="checkbox"/> w/ attachments</td> </tr> <tr> <td><input checked="" type="checkbox"/> Section 4: Operator Information</td> <td><input type="checkbox"/> w/ attachments</td> </tr> <tr> <td><input checked="" type="checkbox"/> Section 5: Indian Land</td> <td><input type="checkbox"/> w/ attachments</td> </tr> <tr> <td><input checked="" type="checkbox"/> Section 6: Existing Environmental Permits</td> <td><input type="checkbox"/> w/ attachments</td> </tr> <tr> <td><input checked="" type="checkbox"/> Section 7: Map</td> <td><input type="checkbox"/> w/ topographic map <input type="checkbox"/> w/ additional attachments</td> </tr> <tr> <td><input checked="" type="checkbox"/> Section 8: Nature of Business</td> <td><input type="checkbox"/> w/ attachments</td> </tr> <tr> <td><input checked="" type="checkbox"/> Section 9: Cooling Water Intake Structures</td> <td><input type="checkbox"/> w/ attachments</td> </tr> <tr> <td><input checked="" type="checkbox"/> Section 10: Variance Requests</td> <td><input type="checkbox"/> w/ attachments</td> </tr> <tr> <td><input checked="" type="checkbox"/> Section 11: Checklist and Certification Statement</td> <td><input type="checkbox"/> w/ attachments</td> </tr> </tbody> </table> | Column 1 | Column 2 | <input checked="" type="checkbox"/> Section 1: Activities Requiring an NPDES Permit | <input type="checkbox"/> w/ attachments | <input checked="" type="checkbox"/> Section 2: Name, Mailing Address, and Location | <input checked="" type="checkbox"/> w/ attachments | <input checked="" type="checkbox"/> Section 3: SIC Codes | <input type="checkbox"/> w/ attachments | <input checked="" type="checkbox"/> Section 4: Operator Information | <input type="checkbox"/> w/ attachments | <input checked="" type="checkbox"/> Section 5: Indian Land | <input type="checkbox"/> w/ attachments | <input checked="" type="checkbox"/> Section 6: Existing Environmental Permits | <input type="checkbox"/> w/ attachments | <input checked="" type="checkbox"/> Section 7: Map | <input type="checkbox"/> w/ topographic map <input type="checkbox"/> w/ additional attachments | <input checked="" type="checkbox"/> Section 8: Nature of Business | <input type="checkbox"/> w/ attachments | <input checked="" type="checkbox"/> Section 9: Cooling Water Intake Structures | <input type="checkbox"/> w/ attachments | <input checked="" type="checkbox"/> Section 10: Variance Requests | <input type="checkbox"/> w/ attachments | <input checked="" type="checkbox"/> Section 11: Checklist and Certification Statement | <input type="checkbox"/> w/ attachments |
|--|---|--|---|-------------------------------------|--|---|--|--|--|---|---|---|--|---|---|---|--|--|---|---|--|---|---|---|---|---|
| | Column 1 | Column 2 | | | | | | | | | | | | | | | | | | | | | | | | |
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| | <input checked="" type="checkbox"/> Section 4: Operator Information | <input type="checkbox"/> w/ attachments | | | | | | | | | | | | | | | | | | | | | | | | |
| | <input checked="" type="checkbox"/> Section 5: Indian Land | <input type="checkbox"/> w/ attachments | | | | | | | | | | | | | | | | | | | | | | | | |
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| | <input checked="" type="checkbox"/> Section 11: Checklist and Certification Statement | <input type="checkbox"/> w/ attachments | | | | | | | | | | | | | | | | | | | | | | | | |
| | 11.2 | <p>Certification Statement</p> <p><i>I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Name (print or type first and last name)</p> <p>Scott W. Flood</p> </td> <td style="width: 50%; vertical-align: top;"> <p>Official title</p> <p>Member</p> </td> </tr> <tr> <td style="vertical-align: top;"> <p>Signature</p>  </td> <td style="vertical-align: top;"> <p>Date signed</p> <p>1/27/21</p> </td> </tr> </table> | <p>Name (print or type first and last name)</p> <p>Scott W. Flood</p> | <p>Official title</p> <p>Member</p> | <p>Signature</p>  | <p>Date signed</p> <p>1/27/21</p> | | | | | | | | | | | | | | | | | | | | |
| <p>Name (print or type first and last name)</p> <p>Scott W. Flood</p> | <p>Official title</p> <p>Member</p> | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Signature</p>  | <p>Date signed</p> <p>1/27/21</p> | | | | | | | | | | | | | | | | | | | | | | | | | |

EPA Form 3510-1 Supplement
Blue Water Fisheries, LLC

Latitude and Longitude of Eight NOAA NCCOS Sites

U.S. Environmental Protection Agency
EPA Form 3510-1 (NPDES) Supplement
Blue Water Fisheries, LLC

Block 2.5 – Facility Location:

Location of the corners of the eight proposed mooring grid sites from NOAA's National Centers For Coastal Ocean Sciences (NCCOS) CASS Technical Report dated September 2020:

| <u>Site</u> | <u>Longitude</u> | <u>Latitude</u> |
|-------------|------------------|-----------------|
| 1 | -70.618226 | 42.804568 |
| 1 | -70.636675 | 42.803195 |
| 1 | -70.637603 | 42.809520 |
| 1 | -70.619152 | 42.810894 |
| 2 | -70.622537 | 42.822296 |
| 2 | -70.641075 | 42.822661 |
| 2 | -70.640895 | 42.829019 |
| 2 | -70.622355 | 42.828655 |
| 3 | -70.642478 | 42.837425 |
| 3 | -70.623907 | 42.837124 |
| 3 | -70.624102 | 42.830772 |
| 3 | -70.642672 | 42.831073 |
| 4 | -70.659635 | 42.849975 |
| 4 | -70.677733 | 42.852995 |
| 4 | -70.675762 | 42.859190 |
| 4 | -70.657663 | 42.856169 |
| 5 | -70.656621 | 42.861581 |
| 5 | -70.675002 | 42.863469 |
| 5 | -70.673751 | 42.869763 |
| 5 | -70.655369 | 42.867874 |
| 6 | -70.668600 | 42.888183 |
| 6 | -70.686713 | 42.891230 |
| 6 | -70.684743 | 42.897421 |
| 6 | -70.666629 | 42.894374 |
| 7 | -70.665915 | 42.909023 |
| 7 | -70.681425 | 42.901521 |
| 7 | -70.686181 | 42.906840 |
| 7 | -70.670670 | 42.914341 |

| | | |
|---|------------|-----------|
| 8 | -70.589806 | 42.891305 |
| 8 | -70.605591 | 42.898447 |
| 8 | -70.600971 | 42.903842 |
| 8 | -70.585186 | 42.896700 |

Sites 2 and 3 are Blue Water Fisheries, LLC's (BWF) initially preferred locations for the fish farm; subject to possible changes in location as part of the permitting process. See the attached Locus Map for the location of Sites 2 and 3 and the distances from local harbors.

EPA Form 3510-1 Supplement
Blue Water Fisheries, LLC

Locus Map for NOAA NCCOS Sites 2 and 3

(b) (4)

